Patent PD-201014 Customer No. 020991

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Ernest C. Chen

To be assigned

Filed:

Serial No.:

Herewith

For:

MAXIMIZING POWER AND

SPECTRAL EFFICIENCIES FOR LAYERED AND CONVENTIONAL

MODULATIONS

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223/3-1450, on the date below.

Georgann S. Grunebach

Typed or printed name of person signing certificate

Group Art Unit:

To be determined

Examiner:

To be determined

Date: April 25, 2005

INFORMATION DISCLOSURE STATEMENT

Mail Stop PCT Commissioner for Patents P. O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

The references cited on the enclosed form PTO/SB/08A may be relevant or material to the examination of the above-identified patent application and are, therefore, submitted in compliance with the duty of disclosure defined in 37 CFR 1.56. It is respectfully requested that the references be considered and made of record in the application identified above.

This statement should be considered because it is being submitted within three months of the date of entry of the national stage as set forth in §1.491 in an international application under 37 C.F.R. §1.97(b)(2). Accordingly, it is submitted that no fee is due in this matter.

However, if it is determined that any appropriate fee is due, the Commissioner is hereby authorized to charge Deposit Account No. 50-0383 of Hughes Electronics Corporation, El Segundo, California.

U.S. National Stage of International Application No. PCT/US03/032800......Page 2

This Information Disclosure Statement is not to be construed as a representation that a search has recently been made, that additional information material to the examination of this application does not exist, or that this citation constitutes prior art.

Respectfully submitted,

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April 25, 2005

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PTO/SB/08A (08-03)

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Substitute for form 1449/PTO	Con	Complete if Known	
INFORMATION DISCLOSURE	Application Number	To be assigned	
STATEMENT BY APPLICANT	Filing Date	Herewith	
(Use as many sheets as necessary)	First Named Inventor	Ernest. C. Chen	
	Art Unit	To be assigned	
	Examiner Name	To be assigned	
Sheet 1 of 1	Attorney Docket Number	PD-201014	

	U.S. PATENT DOCUMENTS				
Examiner Initials*	Cite No.	Document Number Number-Kind Code	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US-5,970,098	10-19-1999	Herzberg, Hanan	
		US-6,125,148	09-26-2000	Frodigh, Carl Magnus et al.	
		. *			

	FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No.	Foreign Patent Document Country Code-Number-Kind Code	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Т
		EP 0 222 076 A2	08-14-1986	Ketterling, Hans-Peter et al.		
				•		

Examiner Signature	Date Considered	

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.